

21/3,K/1 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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02248624 SUPPLIER NUMBER: 53336520 (USE FORMAT 7 OR 9 FOR FULL TEXT)

OLAP for the Masses. (Microsoft Plato) (Product Information)

SPOFFORD, GEORGE

Intelligent Enterprise, 38(1)

Oct, 1998

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4256 LINE COUNT: 00340

... separate servers, which are only involved in queries and aggregation processing that involves the data they hold. The dimension tables on each server must contain **hierarchy** information sufficiently similar to dimension tables on the other servers for the aggregated results to be correct. ("Sufficiently" means that for every dimension key in...

...to other cities such as Chicago and Milwaukee may be absent in that partition.)

When ROLAP partitions are placed on multiple servers, Plato will divide **queries** that involve those partitions to the appropriate servers in **parallel**. As a middle-tier ROLAP tool, this has the ...to harness multiple servers very well. MOLAP partitions will only be processed by the Plato server hosting the partitions, although multiple MOLAP partitions can be **queried** in **parallel** on an SMP. (Because the PTS provides an SQL OLE DB for OLAP interface, it can technically function as one of those separate RDBMS sources...

...processed online without disrupting the system's concurrent users or reprocessing the cube's other portions. Results are available immediately. This design helps considerably with **incrementally** updating a **database**; for example, a new partition representing the latest month's data can be created, the appropriate fact table (and filtering WHERE clause) assigned, and the...

21/3,K/2 (Item 2 from file: 275)

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02201895 SUPPLIER NUMBER: 20945082 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tandem: At the Heart of DSS Success. (the NonStop series of decision support systems from Compaq's Tandem Div) (Product Information)

DBMS, v11, n9, p4(1)

August, 1998

ISSN: 1041-5173 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2599 LINE COUNT: 00219

... Figure 3).

Key features of the NonStop Software database system include:

- * A single database image across multiple processors or servers for easy manageability

- * An enhanced **parallel query** environment for handling complex **queries**

- * Object Relational Data (Mining.sup.TM) technology capabilities for advanced knowledge discovery applications

- * Support for ODBC, OLE DB, and Oracle Transparent Gateway for true best...

...image, allowing applications to operate as if all data were stored in a single location. All NonStop SQL operations are designed to take advantage of **parallel** architecture, ensuring linear scalability, high performance for **queries** that access millions of rows of data, and fault tolerance.

Just as important, by providing a seamless application environment, the NonStop Software suite allows customers...

...performance

In decision support, many applications depend on access to highly detailed, or "line-item detail" information. Regardless of platform, NonStop SQL's scalability allows **databases** to **expand** to accommodate the huge amounts of raw data necessary to provide line-item detail without requiring changes to the underlying architecture of the system. You merely add processors to a Himalaya server or **add** low-cost servers to a **cluster** of Windows NT Server systems, such as Compaq ProLiant industry-standard servers.

At the same time, NonStop SQL is optimized to address complex queries directly against billions of rows of raw, line-item detail information without unnecessary summarization. This is accomplished through a combination of data-flow architecture, advanced **query** types, and **parallel** execution.

Data-Flow Architecture

NonStop SQL employs state-of-the-art object technology, called data-flow architecture, to provide significant advances in performance and extensibility. A query execution plan is represented by a **tree** of operators, with each representing an operation such as join, sort, and scan. These operators communicate with each other via input and output queues. Because...

...flow architecture allows NonStop SQL to fully utilize all computing resources and to provide dramatic performance breakthroughs through rearrangement of operation steps in the execution **tree**.

The most powerful of these operators is the data access manager. All disk access is handled exclusively by the data access manager. The data access...

21/3,K/3 (Item 3 from file: 275)
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02189568 SUPPLIER NUMBER: 20841695 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lotus Pushes Back Notes, Domino Betas. (beta versions of Notes 5.0 and Domino 5.0 delayed) (Product Announcement)
Walker, Christy
PC Week, v15, n24, p20(1)
June 15, 1998
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 546 LINE COUNT: 00046

... the ability to automatically create new message store databases when the database has surpassed the operating system restrictions on a single database. Similarly, Domino's **database** size limit has been **increased** from 4GB to 32GB so applications are limited only by the system platform on which the software is deployed, officials said.

Administrative improvements in Version 5.0 of Notes and Domino will include a new task-oriented administrative interface that supports drag-and-drop functionality as well as a **hierarchical** view of multiple domains within a single interface.

The Notes client upgrade includes a new user-customizable front end, dubbed Headlines, and features a browserlike...
...multipane interfaces for their applications, officials said.

Lotus is enhancing the search capabilities of Notes 5.0 and Domino 5.0 with the ability to **search** across Notes databases and file systems **concurrently**; however, not all of the previously announced **search** capabilities will roll into Version 5.0.

For instance, users will not be able to search from Notes across the Web as previously promised. A...

21/3,K/4 (Item 4 from file: 275)
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02084407 SUPPLIER NUMBER: 19609484 (USE FORMAT 7 OR 9 FOR FULL TEXT)

4th Dimension version 6. (ACI US's relational DBMS) (Software Review) (Evaluation)

Davis, J.W.

MacUser, v12, n9, p34(1)

Sep, 1997

DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 900 LINE COUNT: 00076

...ABSTRACT: themes. Explorer makes it easy to manage the program's four database objects: tables, forms, menus and methods. The program's multithreading environment allows sorting, **searching**, data entry and other processes to run **concurrently**. The enhanced debugger features break lists, call-chain listing, **hierarchical** listing of database-object evaluations, and instant evaluation of expressions within database code. 4th Dimension's best new feature is its conversion of listings, reports and input forms to HTML with little or no programming to make **databases** available to Web browsers without **added** Web server software. The new version improves on what was already an impressive product, making it the best system for cross-platform development of standalone...

21/3,K/5 (Item 5 from file: 275)

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02005253 SUPPLIER NUMBER: 18857648 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Relational model's limits fuel move to object databases. (Oracle Hits Snag As It Moves Forward) (Industry Trend or Event)

Dyck, Timothy

PC Week, v13, n45, p42(1)

Nov 11, 1996

ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 524 LINE COUNT: 00047

... been around for a while but have failed to live up to expectations. Pure object engines lacked the biggest strengths of relational products, such as **query** optimization, **concurrency**, security, commit/rollback and dynamic schema modification. Hybrid object/relational products wrapped an object layer around a relational engine and were both brutally slow and...

...of the limits of their storage mechanisms. Database administrators wisely stayed away.

Why, then, are the biggest database vendors ripping the guts out of their **database** engines to **add** object support before their competition can?

First, object databases turn out to be very effective at modeling and storing complex business objects such as document...

...as undifferentiated binary objects and thus know nothing about the internal structure of those objects. As users have discovered, established indexing technology--such as B+- **trees** and hash tables--doesn't perform well on binary objects.

Second, object databases will allow faster retrieval of complex objects than is possible with relational...

21/3,K/6 (Item 6 from file: 275)

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01988892 SUPPLIER NUMBER: 18743926 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Archetype to hitch database to TCP/IP. (MediaBank TCP Plus pre-press database to be linked to Internet, MediaBank Customer Connect client application, introduces NuDoc Web authoring technology) (Product Development)

Gulick, Rebecca

MacWEEK, v10, n38, p14(2)

Oct 7, 1996

ISSN: 0892-8118

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 543

LINE COUNT: 00046

... year, lets users archive, browse, purge and track any pre-press job element, including images, illustrations, sounds, video, documents, text and fonts.

Files can be **added** to a MediaBank **database** using a hot-folder method that indexes files in a folder automatically. Each file is assigned a record that contains fields such as file type...

...and keywords, as well as user-defined fields. Users can customize data-entry lists for each field.

Files can be organized by job in a **hierarchy** ; they can be cataloged to more than one database and assigned to more than one job.

MediaBank records information during the pre-press work flow...

...security and access permissions for individual users.

Users can conduct searches on any file attribute or combination of attributes and across any number of databases **simultaneously** . Common **search** criteria can be saved and reused; results are displayed either as thumbnails or text. Function buttons such as Info, Move, Copy, Archive, Restore and Purge...

21/3,K/7 (Item 7 from file: 275)

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01700571 SUPPLIER NUMBER: 16243422 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Information Builders directs its focus away from mainframe to Unix with planned launch at Unix Expo.

Computergram International, CGI08170015

August 17, 1994

ISSN: 0268-716X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 457

LINE COUNT: 00037

... to launch Focus Open Enterprise at Unix Expo in October. Focus Open Enterprise is a next-generation version of its proprietary language environment fitted with **parallel query** technology; a timely move in view of the Sybase Corp-Oracle Corp wrestling match for parallel supremacy. The product, which will be in beta test...

...anticipates similar results on any Unix symmetric multiprocessing system be it iAPX-86, Sparc, R-series, Precision Architecture, Alpha or PowerPC. The software spawns duplicate **query** images that can traverse a Focus **database** in **parallel** , delivering **increased** throughput for large-scale applications. The database can be Information Builders's own **hierarchical** system, the third most widely installed mainframe database, or relational databases from Informix, Oracle or Sybase and DB2/6000. Information Builders says the data migration...

21/3,K/8 (Item 8 from file: 275)

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01689528 SUPPLIER NUMBER: 16064048 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Parallelizing DBs come to town; Amdahl, Thinking Machines among vendors seeking leverage. (parallel computers for running large databases) (Field Report)

Ubois, Jeff; Vaughan, Jack

Software Magazine, v14, n6, p24(2)

June, 1994

ISSN: 0897-8085

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1152

LINE COUNT: 00093

... of the most advanced of the advanced technologies under study along

the portion of the Charles River Known as "AI Alley."

Thinking Machines seeks to add new tools to the **parallel database query** toolkit. The company proposes to apply fast-acting prediction techniques to database analysis. Tools within Intelligent Business Systems include a suite of pattern-finding and...

...tools known as Darwin. In turn, Darwin includes memory-based reasoning technology, neural network software for defining groups, a parallel implementation of classification and regression **trees** technology, and so-called "genetic" software that gives preference to algorithms that appear to be the most effective. Information managers at Mobil Corp. and American...

21/3,K/9 (Item 9 from file: 275)

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01301570 SUPPLIER NUMBER: 07375088 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Making PROLOG parallel. (technical)

Eadline, Douglas

AI Expert, v4, n7, p34(9)

July, 1989

DOCUMENT TYPE: technical ISSN: 0888-3785 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3553 LINE COUNT: 00298

... parallel unification of all clauses be attempted and the first of those clauses with a successful guard test be allowed to execute. Using the family **tree** program in Listing 1 as a simple example, the parent relation could include two guard tests called male(X) and female(X) based on additional information **added** to the **database** :

parent(X,Y):-male(X):father(X,Y). parent(X,Y):-female(X):mother(X,Y)

The guard relations can be defined by the user...

...as "readers" (input) or "writers" (output) to handle binding conflicts. In addition, OR parallelism is often implemented as "don't-care nondeterminism," which means the **parallel search** will stop after one solution (as opposed to all solutions) has been found.

The lack of full OR parallelism is often considered a disadvantage of

...

21/3,K/10 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05341899 Supplier Number: 48127042 (USE FORMAT 7 FOR FULLTEXT)

K-Net's Star Rises:Staff layoffs still scheduled: Fulcrum Innovations

Target Lotus Notes/Domino VARs

Jastrow, David

Computer Reseller News, p304

Nov 17, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 316

The Fulcrum Knowledge Network 2.1 version, which is aimed at VARs working in the intranet space, adds an advanced Web Crawler function and **expanded** support for Lotus Notes/Domino **collections**. It gives customers the ability to **search** across multiple Notes databases and servers **simultaneously** and to **search** on specific Notes fields.

The added Lotus functionality enables Fulcrum to target Lotus partners, said Peter Klante, vice president of worldwide marketing for Ottawa-based...

...component of the Knowledge Network is the "Knowledge Map," the focal point where a company's diverse information sources are pooled into a

unified folder **hierarchy** . It brings Lotus Notes, Microsoft Exchange Server, Web sites, document management systems and other applications to one place.

Its Microsoft BackOffice certification and integration with...

21/3,K/11 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05283585 Supplier Number: 48047335 (USE FORMAT 7 FOR FULLTEXT)
Adapting To A New Universe -- IBM's Universal Database and Sybase's Adaptive Server take varying routes to greater database flexibility, based on different approaches to new data types. Here's how they differ.
Stearns, Tom
InformationWeek, p73
Oct 13, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 2408

... RAM for serious work.
Similarities And Differences
Both products have a comprehensive management console built along the two-pane model. The browser pane gives a **hierarchical** view of the server, with the data pane showing details for the selected item. Both support symmetric multiprocessing and **query** paralleling-breaking a **query** into smaller pieces and handling them **simultaneously** . And both scale from Windows 95 on notebook computers to minicomputers.
IBM's Universal Database has an open API, allowing third-party vendors and users...
...more resources to more time-sensitive online transaction processing (OLTP) activities and fewer to the less sensitive decision-support functions.
IBM also gets credit for **adding** massively parallel processing to Universal **Database** . Sybase gets points for letting servers act as hot backups, providing failover protection for each other.
Universal databases support new, unfamiliar, data types. For instance
...

21/3,K/12 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04675234 Supplier Number: 46881160 (USE FORMAT 7 FOR FULLTEXT)
Relational model's limits fuel move to object databases
PC Week, p42
Nov 11, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 495

... been around for a while but have failed to live up to expectations. Pure object engines lacked the biggest strengths of relational products, such as **query** optimization, **concurrency** , security, commit/rollback and dynamic schema modification. Hybrid object/relational products wrapped an object layer around a relational engine and were both brutally slow and...

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indexing technology--such as B+- **trees** and hash tables--doesn't perform well on binary objects.

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21/3,K/13 (Item 4 from file: 16)
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03913287 Supplier Number: 45647321 (USE FORMAT 7 FOR FULLTEXT)

Who Will Master Metadata?

Network Computing, p102

July 1, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2292

... to search a server.

Weider also believes WHOIS++'s query routing protocol is better than Z39.50. It lets content providers build indexes for their **databases** and **expand** those indexes in a **hierarchical tree** structure when they become too large for a single server to handle. The approach relies on pointers, so that a user searching for particular information will be expeditiously directed through the **tree** structure to the information being sought, rather than having to visit every server on a network. "Your network traffic is, therefore, enormously reduced," says Weider, "and there is a lot less stress on the lower servers."

Weider says the architecture, which supports **parallel searches**, should be able to speed the delivery of **search** results since, unlike Z39.50, every server does not have to be searched. The intermediate indexes also tend to be small, he says, "where with..."

21/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10265491 SUPPLIER NUMBER: 20790180 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Enhanced PsycINFO ready for release. (Brief Article)

Information Today, v15, n6, p2(1)

June, 1998

DOCUMENT TYPE: Brief Article ISSN: 8755-6286 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 296 LINE COUNT: 00030

... APA to redesign PsycINFO's file structure and production system to achieve deeper coverage, more-precise retrieval, and improved timeliness, the reloads will feature an **expanded** document **set** (now over 1.5 million records) and refined indexing.

PsycINFO online will integrate APA's new dataset of records from 1887 through 1966, increasing total...

...so already.

The reloads will fully integrate PsycINFO's 1987-present collection of book chapter and book references with the journal-record structure for accurate, **simultaneous searching** of serial and nonserial literature.

Several enhancements to PsycINFO's indexing will make subject searching more precise, with an emphasis on data elements that are...
...designations such as Thirties and Middle Aged

* A field that indicates the geographic location of research populations by specific country name

* A revised document-type **hierarchy** that incorporates detailed as well as broadlevel categories and makes it possible to use a single field to locate such publications as empirical studies, case...

21/3,K/15 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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09996460 SUPPLIER NUMBER: 20199854 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Embarcadero's Rapid SQL 4.0 Offers Programmer Flexibility
PR Newswire, pl26SFMM01
Jan 26, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 721 LINE COUNT: 00067

... scripts, with the use of multiple bookmarks for script navigation, drag-and-drop editing, sequential line numbers, and split windows for viewing different script portions **simultaneously**. The SQL editor also offers regular expression **searching** and multiple undo/redo.

Dockable Explorer-Style Favorite Scripts Window provides a flexible, **hierarchical** context for organizing and deploying SQL scripts. Scripts can be nested and arranged according to an unlimited number of user-defined configurations. Favorite scripts can be accessed by clicking on the file icon or by dragging it onto an open workspace for editing or execution.

Result **Set** Handling provides **increased** flexibility and ease of access. Users can customize SQL query result set colors, fonts, and column widths. Multiple result sets can be combined in a...

21/3,K/16 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09795233 SUPPLIER NUMBER: 19890520 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Adapting to a new universe. (IBM's Universal Database and Sybase's Adaptive Server object-oriented databases) (Software Review) (Evaluation)
Stearns, Tom
InformationWeek, n652, p73(7)
Oct 13, 1997
DOCUMENT TYPE: Evaluation ISSN: 8750-6874 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2574 LINE COUNT: 00203

... RAM for serious work.

Similarities And Differences

Both products have a comprehensive management console built along the two-pane model. The browser pane gives a **hierarchical** view of the server, with the data pane showing details for the selected item. Both support symmetric multiprocessing and **query** paralleling-breaking a **query** into smaller pieces and handling them **simultaneously**. And both scale from Windows 95 on notebook computers to minicomputers.

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...more resources to more time-sensitive online transaction processing (OLTP) activities and fewer to the less sensitive decision-support functions.

IBM also gets credit for **adding** massively parallel processing to Universal **Database**. Sybase gets points for letting servers act as hot backups, providing failover protection for each other.

Universal databases support new, unfamiliar, data types. For instance ...

21/3,K/17 (Item 4 from file: 148)
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07798679 SUPPLIER NUMBER: 16798538 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Excalibur Technologies Announces First Parallel Processing Text Retrieval Server; Excalibur TRS 2.0 Includes World Wide Web Server Integration Kit and Support for Microsoft Windows NT and Silicon Graphics IRIX.
Business Wire, p4110042
April 11, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 868 LINE COUNT: 00075

... and CEO of ImageView, a software developer based in Penfield, New York. "In an application like our ImageView for Lotus Notes, Excalibur TRS lets users **simultaneously search** several Notes databases, even as it makes new documents deposited by other Notes users searchable. The combination of ImageView and TRS gives Notes users information...

...wide access to information. Excalibur TRS significantly lowers the cost of text retrieval services by providing automated indexing, and eliminating the need for manually creating **hierarchical** indexes, catalogs or keyword tables.

Excalibur TRS version 2.0 supports **concurrent** read/write access to distributed Excalibur TRS Text **Retrieval** Servers, delivering true **parallel** network text **searching**. Excalibur TRS automatically collates the results of **simultaneous searches** of multiple databases into one normalized **search** result list.

Excalibur TRS supports searching for ASCII text as well as documents created by dozens of popular word processing and spreadsheet applications. It includes index functions for controlled vocabulary, stop words, multi-byte character **sets** and **incremental** updates. User controlled search options include keyword, phrase, rated phrase, Boolean and proximity searches. Search types include standard, fuzzy and weighted term feedback searches. Various...

21/3,K/18 (Item 5 from file: 148)
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07514210 SUPPLIER NUMBER: 16213170 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The long view from Microsoft: component DBMSs. (includes two related
articles on the Microsoft SQL Server)
Semich, J. William
Datamation, v40, n15, p40(5)
August 1, 1994
ISSN: 1062-8363 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2882 LINE COUNT: 00229

... SQL language
Two-phase commit
Database RPCs
Extended stored procedures
MAPI integration
Integrated security
Async 1/0
Macintosh ODBC
NT AS
1995
SQL Server 95
Adds :
Data **replication**
Multiserver administration
Very large database support
OLE automation
Visual Basic For Applications extended procedures
Parallel operations: backup, restore, load
ANSI SQL support
Engine-based scrollable cursors
Extended MAPI
Parallel table scan
NT Server 3.5 (Daytona)
1996
SQL Server For Cairo
Adds :
Object **repository**
OLE data access

Parallel query /indexing
Distributed heterogeneous joins
Rich **query** semantics
Versioning, row locking
ANSI-92 conformance
Cairo security, directory
User-defined functions
Hierarchical data types
Object File System integration
Transaction coordination
NT Cairo
The SQL Server NT Decision: One Insider's Advice
You'd be crazy not to...

21/3,K/19 (Item 6 from file: 148)
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07298509 SUPPLIER NUMBER: 15421060 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Monitoring Japanese scientific and technical information using JICST
databases. (Japan Information Center of Science and Technology)
Davis, James L.; Livny, Efrat
Database, v17, n3, p33(9)
June, 1994
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3915 LINE COUNT: 00313

... STN would also produce all of the records that contain the keyword
"superionic conductor," which is a narrower term under "solid electrolyte"
in the JICST **hierarchy**. This feature in the "enriched" records as they
appear in JICST-E on STN may result in differences in the output of
identical searches run...

...about 20% have an English abstract. New records are added to the JQUICK
File about six months, on average, before they are fully indexed and ladded0
to the JICST File. This **database**, which is available exclusively through
JOIS, is unique in that it provides access to current, albeit partial,
bibliographic information.

SAMPLE SEARCHES

The sample **searches** we conducted were designed to compare the
output of **parallel searches** in the Japanese JICST File and the JQUICK
File, both via JOIS, and the JICST-E File in its two versions, on JOIS and
on...

21/3,K/20 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01538832 01-89820
Fulcrum innovations target Lotus Notes/Domino VARs
Jastrow, David
Computer Reseller News n764 PP: 304 Nov 17, 1997
ISSN: 0893-8377 JRNL CODE: CRN
WORD COUNT: 313

...TEXT: sources.

The Fulcrum Knowledge Network 2.1 version, which is aimed at VARs working
in the intranet space, adds an advanced Web Crawler function and **expanded**
support for Lotus Notes/Domino **collections**. It gives customers the
ability to **search** across multiple Notes databases and servers
simultaneously and to **search** on specific Notes fields.

The added Lotus functionality enables Fulcrum to target Lotus partners,
said Peter Klante, vice president of worldwide marketing for Ottawa-based
...

... component of the Knowledge Network is the "Knowledge Map," the focal point where a company's diverse information sources are pooled into a unified folder **hierarchy** . It brings Lotus Notes, Microsoft Exchange Server, Web sites, document management systems and other applications to one place.

Its Microsoft BackOffice certification and integration with...

21/3,K/21 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01145019 CMP ACCESSION NUMBER: CRN19971117S0205
K-Net's Star Rises:Staff layoffs still scheduled - Fulcrum Innovations
Target Lotus Notes/Domino VARs
David Jastrow
COMPUTER RESELLER NEWS, 1997, n 764, PG304
PUBLICATION DATE: 971117
JOURNAL CODE: CRN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Channels
WORD COUNT: 318

The Fulcrum Knowledge Network 2.1 version, which is aimed at VARs working in the intranet space, adds an advanced Web Crawler function and **expanded** support for Lotus Notes/Domino **collections** . It gives customers the ability to **search** across multiple Notes databases and servers **simultaneously** and to **search** on specific Notes fields.

The added Lotus functionality enables Fulcrum to target Lotus partners, said Peter Klante, vice president of worldwide marketing for Ottawa-based...

...component of the Knowledge Network is the "Knowledge Map," the focal point where a company's diverse information sources are pooled into a unified folder **hierarchy** . It brings Lotus Notes, Microsoft Exchange Server, Web sites, document management systems and other applications to one place.

Its Microsoft BackOffice certification and integration with...

21/3,K/22 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01141498 CMP ACCESSION NUMBER: IWK19971013S0042
Adapting To A New Universe - IBM's Universal Database and Sybase's
Adaptive Server take varying routes to greater database flexibility,
based on different approaches to new data types. Here's how they
differ.

Tom Stearns
INFORMATIONWEEK, 1997, n 652, PG73
PUBLICATION DATE: 971013
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: InformationWeek Labs
WORD COUNT: 2424

... RAM for serious work.

Similarities And Differences

Both products have a comprehensive management console built along the two-pane model. The browser pane gives a **hierarchical** view of the server, with the data pane showing details for the selected item. Both support symmetric multiprocessing and **query** paralleling-breaking a **query** into smaller pieces and handling them **simultaneously** . And both scale from Windows 95 on notebook computers to minicomputers.

IBM's Universal Database has an open API, allowing third-party

vendors and users...

...more resources to more time-sensitive online transaction processing (OLTP) activities and fewer to the less sensitive decision-support functions.

IBM also gets credit for **adding** massively parallel processing to Universal **Database**. Sybase gets points for letting servers act as hot backups, providing failover protection for each other.

Universal databases support new, unfamiliar, data types. For instance...

21/3,K/23 (Item 3 from file: 647)
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01057965 CMP ACCESSION NUMBER: NWC19950701S0032

Who Will Master Metadata? - Control of Internet information rests with competing schemes for cataloging content (FreeWire)

Christine Hudgins-Bonafield

NETWORK COMPUTING, 1995, n 60, PG102

PUBLICATION DATE: 950701

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Features

WORD COUNT: 2275

... to search a server.

Weider also believes WHOIS++'s query routing protocol is better than Z39.50. It lets content providers build indexes for their **databases** and **expand** those indexes in a **hierarchical tree** structure when they become too large for a single server to handle. The approach relies on pointers, so that a user searching for particular information will be expeditiously directed through the **tree** structure to the information being sought, rather than having to visit every server on a network. "Your network traffic is, therefore, enormously reduced," says Weider, "and there is a lot less stress on the lower servers."

Weider says the architecture, which supports **parallel searches**, should be able to speed the delivery of **search** results since, unlike Z39.50, every server does not have to be searched. The intermediate indexes also tend to be small, he says, "where with..."